Cannot run xfs_repair on 1.6 Terabyte TP9100 filesystem

Published 08/08/2005

Symptom(s):

Cannot run xfs_repair on 1.6 Terabyte TP9100 filesystem
Phase 2 - zero log...
ALERT! The filesystem has valuable metadata in a log which needs to be replayed. Mount the filesystem to replay the log, and unmount it before running xfs_repair again. If IRIX is unable to mount the filesystem, use the -L option to destroy the log and attempt a repair.
Note that destroying the log may cause corruption -- please attempt to mount the filesystem before doing this.
The Phase 2 - zero log error continues after remounting the filesystem.

Fact(s):

SGI Origin 350
IRIX Operating System

SGI Solution:

Use xfs_repair64 instead of xfs_repair on any filesystems larger than 1 terabyte. See xfs_repair64 manpage.

Cause(s):

The xfs_repair binary addressing cannot handle anything over 1 terabyte.

Answers others found helpful

- How do you increase the number of file descriptors a process can have open?
- How to increase (decrease) the number of file descriptors available to a process.

Additional Details

Creation Date	08/08/2005 09:47 AM
Last modification	09/21/2015 08:17 PM
Published Date	08/08/2005
Products	• Servers and Clusters • SGI Origin/Onyx • Origin/Onyx Server • Software • Legacy Software • Operating Systems • IRIX • Workstations • SGI Tezro • O2 • Octane
Categories	• Knowledgebase • Technical Solution